

ABSTRACT

A single or multi-ply disposable wiping article is disclosed. The disposable wiping article comprises at least one web layer and has a surface topography exhibiting regions of minimum and maximum calipers. A continuous polymer network defining bonded regions and a plurality of unbonded regions is bonded to the web layer. The continuous polymer network is preferably a thermoplastic adhesive. After curing, the thermoplastic adhesive can contract upon heating, thereby creating puckered regions of maximum caliper coincident unbonded regions. The minimum caliper of the web layer is coincident the bonded regions. Methods of making the web of the present invention are disclosed. One method includes providing a first web layer; providing a thermoplastic adhesive; applying the thermoplastic adhesive to the first web layer in a continuous network; curing the thermoplastic adhesive; and heating the thermoplastic adhesive to effect contraction of the thermoplastic adhesive.